

Foreword

After the CERN Accelerator School (CAS) on “Applied Geodesy for Particle Accelerators” in 1986, the first “International Workshop on Accelerator Alignment” at SLAC in 1989, and then the second at DESY in 1991, it is a great pleasure to welcome you to the third venue of what can be now abbreviated as “WOAA’s”. Several colleagues expressed the wish to have it organised as a “resident workshop”, in order to favour the opportunities of informal discussions and meetings between participants. This explains why the 3rd WOAA is held here in Annecy, a wonderful French city located at about 50 km far from Geneva and CERN.

For the first time in WOAA’s story, we tried - and we succeeded in - having the proceedings edited before the workshop. I therefore express my acknowledgements to all the authors and contributors for their effort during holidays - even to the very few who could not deliver their paper in due time : we know that they strove hard to do so... I must also express my sincere thanks to Sylviane Beauquis, Jean Brüderlein, Gilbert Coupy and Jean-Paul Soucheyre for their intensive work in organising this workshop and editing the proceedings. Special mention for Sylviane : her computer-aided secretariat and management of conferences deserves a top mark. By the way, we are of course grateful to the firms Leica (Switzerland) and Chanel (through Boutarin Parfumerie) for their kind support and gifts : such things also contribute to bring back good memories.

Despite these times of economical crisis, we finally gathered more than 70 people, coming from 33 laboratories, institutes or companies dealing with high energy physics and/or related “survey and alignment” works. The programme appeared progressively to be more and more dense and enriching in each of our main fields of concern : metrology of accelerators, metrology of experiments and high-precision dynamic alignment for future linear colliders. New concepts, new techniques and new tools are emerging or developing, and the scientific and technical harvest of this workshop proves to be fruitful.

Some colleagues from Brazil, China, India, Korea and maybe others were not “fortunate” enough for being able to join us... Even if we could help some from Russia, this is also a major concern for us when wanting a broad exchange of knowledge and know-how. This is why I launched the idea of constituting a “Help-Fund” (from one WOAA to the other and drawn from the cash flow) for granting subsidies to some selected colleagues of these countries - involved in actual projects, in collaboration with our laboratories.

For the same reasons but in another context, we regret the absence of our colleagues from SSC : for them, some “bad time in the wilderness” linked to a sudden and drastic shortage in the funding of their huge project...

Nevertheless, such money problems are nothing with respect to what may happen in our individual life. We shall miss forever some dear colleagues and fiends : Gerry Fischer (SLAC), Tom Nurczyk (FNAL), Vic Pancott (Rutherford) and Wilfried Webster-Ebbinghaus (T.U. Braunschweig). We share the great sorrow of their families and fellows, expressing our deep hearted sympathy to all of them.

*Michel Mayoud
Applied Geodesy Group
CERN*